



**Maryland Port Administration**

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**MARYLAND PORT ADMINISTRATION  
CAPITAL PROGRAM SUMMARY  
(\$ MILLIONS)**

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>SIX-YEAR TOTAL</u>
<b><u>Construction Program</u></b>							
Major Projects	57.1	45.3	48.7	57.0	48.2	64.6	320.8
System Preservation Minor Projects	31.1	23.7	12.7	12.0	19.5	22.5	121.5
<b><u>Development &amp; Evaluation Program</u></b>	<u>8.9</u>	<u>11.9</u>	<u>9.0</u>	<u>3.7</u>	<u>3.6</u>	<u>3.7</u>	<u>40.8</u>
SUBTOTAL	97.1	80.8	70.3	72.7	71.4	90.8	483.2
<b><u>Capital Salaries, Wages &amp; Other Costs</u></b>	<u>4.2</u>	<u>4.2</u>	<u>4.3</u>	<u>4.5</u>	<u>4.6</u>	<u>4.8</u>	<u>26.7</u>
TOTAL	101.4	85.0	74.6	77.2	76.0	95.6	509.9
Special Funds	99.2	77.5	74.2	77.2	76.0	95.6	499.8
Federal Funds	2.2	7.5	0.4	-	-	-	10.1

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**STATUS:** Placement operations and monitoring are underway and will continue for the life of the project.

**SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP:** Cost increased by \$14.3 million due to the addition of FY 2010 and funding for the closure of the north HMI cell as a dredged material placement site.

**PROJECT:** Hart-Miller Island Related Projects

**DESCRIPTION:** Hart-Miller Island is an 1,140 acre, two-cell containment island, off-shore from Baltimore County. The island has been in continuous operation as a dredge disposal site since 1984. The southern part of the island is being prepared for a wildlife habitat and recreational use. The dikes on the north cell were raised by 16 feet in FY 1997 to increase capacity by 30 million cubic yards, giving the site additional operational life. This project provides for operation of the site at Hart-Miller Island, and monitoring the quality of water released from the site.

**JUSTIFICATION:** The disposal capacity of the island is needed to allow maintenance dredging of the Port's harbor and shipping channels. The capacity is also needed for selected harbor and channel improvement projects planned for the Port. Continued use of Hart-Miller Island represents one of the most cost efficient dredge disposal options available. Use of the site for the maintenance of the Port's channel ensure the safe and efficient operation of approximately 2,000 ships calling on the Port each year. Dredge material will no longer be placed at Hart Miller Island beyond 2009. Alternative dredged material placement sites are being evaluated.

**SMART GROWTH STATUS:**

- ☐ Project Not Location Specific or Location Not Determined  
☐ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☒ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Dredge Placement and Monitoring -- Line 2  
 Dredge Material and Management Program -- Line 11

POTENTIAL FUNDING SOURCE:					<input checked="" type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	5,508	3,116	320	508	370	380	400	414	2,392	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	73,322	38,020	4,277	4,300	4,119	4,140	9,160	9,306	35,302	0
Total	78,830	41,136	4,597	4,808	4,489	4,520	9,560	9,720	37,694	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

5002, 5003, 5010, 5013



**STATUS:** Funds will be allocated as specific placement sites for dredged material are identified. Studies are being conducted to investigate horizontal and lateral expansion of Poplar Island. The dike at Cox Creek are being raised to 24'. We are currently obtaining permits to allow operation and maintenance activities at Cox Creek.

**SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP:** Cost increased \$108.2 million due to the addition of FY 2010 funding and the funding of potential new dredge placement sites (such as Masonville, James and Barren Island).

**PROJECT:** Dredge Material Placement and Monitoring

**DESCRIPTION:** This project involves the placement and monitoring of dredge material for enhancement and maintenance dredging of Baltimore Port channels and beneficial use projects within the six-year program schedule. Costs associated are for construction of containment sites, monitoring during placement, and for operating dredge placement sites.

**JUSTIFICATION:** The Governor's Strategic Plan for Dredge Material Management identified either specific sites and projects, or types of sites or projects for future dredge material placement. This program will fund the construction and monitoring during the development of selected sites. With approximately 2,000 ships a year calling on the Port of Baltimore's shipping lanes, there is a need to maintain the channels for the port to remain competitive and increase economic development.

**SMART GROWTH STATUS:**

- ☒ Project Not Location Specific or Location Not Determined  
☐ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Hart-Miller Island Related Projects -- Line 1  
Dredge Material and Management Program -- Line 11

POTENTIAL FUNDING SOURCE:					<input checked="" type="checkbox"/> SPECIAL	<input type="checkbox"/> FEDERAL	<input type="checkbox"/> GENERAL	<input type="checkbox"/> OTHER		
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	391	391	0	0	0	0	0	0	0	0
Engineering	2,823	2,823	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	327,238	111,745	23,146	11,540	34,790	52,460	38,680	54,877	215,493	0
Total	330,452	114,959	23,146	11,540	34,790	52,460	38,680	54,877	215,493	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

5101, 5103, 5206, 5207, 5208, 5211, 5214, 5215, 5218,  
5221, 5230, 5231, 5232, 5233, 5234, 5300, 5301, 5302,  
5305, 5306, 5307





**STATUS:** Construction for Phase I is underway, and should be completed in the spring of 2005. The completion of this project was delayed due to site conditions being different than anticipated.

**PROJECT:** Rehabilitation of Berths 1-6 at Dundalk Marine Terminal, Phase I

**DESCRIPTION:** The western bulkhead at Dundalk Marine Terminal was part of the original Harbor Municipal Airport dating back to the 1930's. It was last rehabilitated during the 1960's. This project will plan and design the work needed (in a phased approach) to renew and deepen the berths to meet future cargo and vessels needs. Heavy cargo vessels have grounded on the bottom at low tides. The berths will be designed to allow dredging to an eventual depth of 50 feet. The first phase funds reconstruction of Berths 5 and 6. (Berth 4 is the next phase, which is not yet funded.)

**JUSTIFICATION:** Berth 1-6 are essential to the Port because they handle a variety of cargoes, i.e. automobiles, forest products, roll-on/roll-off, other breakbulk (van packs) and passengers from cruise vessels. Age and harsh marine environment require these berths be rehabilitated before they become unstable. The other berths at Dundalk Marine Terminal (7-13) are not viable alternatives since they are used for other cargo (containers and RoRo) and are too distant from the warehouses and automobile lots. The MPA Facilities Plan ranks this project with the highest priority.

**SMART GROWTH STATUS:**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP:** None.

POTENTIAL FUNDING SOURCE:										
	<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	584	392	5	187	0	0	0	0	192	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	24,408	13,192	10,916	300	0	0	0	0	11,216	0
Total	24,992	13,584	10,921	487	0	0	0	0	11,408	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**USAGE:** Increase in vessel calls.



**STATUS:** Several business opportunities face the Port of Baltimore in the near future. This warehouse will accommodate those needs.

**PROJECT:** Niche Cargo Warehouse, Shed 6B

**DESCRIPTION:** This warehouse will provide covered storage of niche cargoes at MPA terminals. This versatile facility is to be approximately 108,000 square feet, with 30 foot eaves, 1,200 pounds/square foot floor load, and truck and rail access. Location near the berths is necessary to keep labor and operational costs low due to the very competitive nature of the East Coast markets. The warehouse will be located at lot 600 of the Dundalk Marine Terminal.

**JUSTIFICATION:** Only 29% of MPA warehouse area meets "Industry Standards". Many of the cargo commodities in the MPA's Strategic Plan require covered storage, i.e. breakbulk/machinery, forest products, and some steel and RoRo products. During 2003, MPA terminal's forest products increased 3.1 percent. Additional covered storage space is necessary for continued growth.

**SMART GROWTH STATUS:**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP:** Construction delayed from FY 2005 to FY 2006 due to operational issues delaying the demolition of Shed 3B - surcharge situated at the Shed 6B site will be moved to the Shed 3B site after demolition - the delay of the demolition of Shed 3B has delayed the start of Shed 6B.

POTENTIAL FUNDING SOURCE:										
TOTAL										
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	7,590	0	0	6,100	1,490	0	0	0	7,590	0
Total	7,590	0	0	6,100	1,490	0	0	0	7,590	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



**STATUS:** The 100,000 square foot shed was completed in FY 2004. Construction of the 300,000 square foot shed began in FY 2004.

**PROJECT:** North American Paper Hub

**DESCRIPTION:** Construct two sheds near the berth with rail and truck loading access. The large 300,000 square foot warehouse is to have 30 foot eave height and 1,500 pound/square foot floor load; the 100,000 square foot facility is a "first point of rest" transit shed. This project will also improve rail capability at the terminal with construction of the additional storage tracks.

**JUSTIFICATION:** A partnership of world-class northern European paper producers and shippers have consolidated their North American paper imports to one terminal complex. Paper volumes of 550,000 tons are forecast to arrive by both container and breakbulk vessels. During 2003 this commodity grew 10.8 percent and the MPA imported more paper than any other port in the north Atlantic region.

**SMART GROWTH STATUS:**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP:** Delays in the award of this contract caused a \$1.7 million increase in the project due to increase in the price of steel.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	26,150	11,310	14,340	500	0	0	0	0	14,840	0
Total	26,150	11,310	14,340	500	0	0	0	0	14,840	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

1607, 1609, 1610





**STATUS:** This project is Complete.

**PROJECT:** Forest Products Warehouse - Lot 5B - Dundalk Marine Terminal

**DESCRIPTION:** Construct a 108,000 square foot warehouse with truck and rail loading docks, near berth 5 at Dundalk Marine Terminal for Forest Products. This project follows a project, which includes utility relocation and surcharge to stabilize the site. The surcharge was in place for a period of time to compress the subsoil.

**JUSTIFICATION:** Forest Products have continued to be a success story at the Port of Baltimore. Our customer is eager to get additional covered storage for wood pulp. Forest product tonnage grew 3.1 percentage at MPA terminals during 2003. Site stabilization is necessary for the warehouse to support heavy rail cars and large warehouses with floor load ratings of 1,200 pounds per square foot.

**SMART GROWTH STATUS:**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP:** None.

POTENTIAL FUNDING SOURCE:										
	<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	9,704	9,094	610	0	0	0	0	0	610	0
Total	9,704	9,094	610	0	0	0	0	0	610	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

**OPERATING COST IMPACT:** Operating cost recovered through tenant lease agreement.





**STATUS:** Dundalk Gate construction is underway. The Security Patrol boat will be procured in FY 2005. The Remote Video Surveillance system will be procured in February, 2005.

**PROJECT:** Terminal Security Program

**DESCRIPTION:** The Terminal Security Program uses state-of-the-art technologies to secure MPA terminal facilities against unauthorized intrusions. Currently, six projects are in this program: The Terminal Security Access project will manage Dundalk Marine Terminal incoming and outgoing trucks and cargo traffic. Terminal Video Surveillance System will allow comprehensive observations of four MPA terminals. The Security Water Craft will allow the MdTA Police to conduct waterside patrols of the MPA terminals and visiting ships. Recently added projects include Terminal Perimeter Security, Terminal Access (Seagirt) and Cargo and Information System Security.

**JUSTIFICATION:** Coast Guard Regulations enacted under the Maritime Transportation Security Act of 2002 require the MPA to develop a security plan for MPA terminals and facilities. These six projects are being developed to comply with this act. The Security Program will allow the MPA to enhance its capability to prevent unauthorized intrusions onto its terminals and facilities. 80% of these costs are funded by Federal Grants.

**SMART GROWTH STATUS:**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP:** Program funding increased by \$4.1 million due to a change in project scope and additional security requirements.

POTENTIAL FUNDING SOURCE:										
	<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	17,178	974	2,255	9,787	4,162	0	0	0	16,204	0
Total	17,178	974	2,255	9,787	4,162	0	0	0	16,204	0
Federal-Aid	10,716	974	2,178	7,183	381	0	0	0	9,742	0

1062, 1780, 1781, 1782, 1783, 1784



**STATUS:** Phase II to begin construction in FY 2006.

**PROJECT:** Wallenius Wilhelmsen Improvements - Phase II

**DESCRIPTION:** Funds will be made available for improvements to the Wallenius Wilhelmsen hub facility located at the Dundalk Marine Terminal. The improvements will pay for expenditures such as paving, fencing, lighting and expansion of the existing storage area.

**JUSTIFICATION:** The MPA is contractually committed to make these improvement when the customer expands into Phase II.

**SMART GROWTH STATUS:**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP:** Added to the Construction Program.

POTENTIAL FUNDING SOURCE:										
	<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER									
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	4,000	0	0	1,742	2,258	0	0	0	4,000	0
Total	4,000	0	0	1,742	2,258	0	0	0	4,000	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



**STATUS:** The terminal is anticipated to be operational for the 2006 cruise season.

**PROJECT:** South Locust Point Cruise Terminal

**DESCRIPTION:** Project funding includes dredging, conversion of the existing cargo shed; demolition of ancillary structures, paving, striping, fencing and lighting to create 637 surface parking spaces located at the SLP terminal; security enhancements and relocation of the existing fixed gangway from Dundalk Marine Terminal. This project includes the acquisition of adjacent land; an 8-acre grass area to be used for additional parking.

**JUSTIFICATION:** Development of this facility will eliminate the conflict between passenger and cargo activity at the Seagirt and Dundalk Marine Terminals. This facility is closer to tourist attractions located at the Inner Harbor and has excellent visibility and access to I-95.

**SMART GROWTH STATUS:**

- ☐ Project Not Location Specific or Location Not Determined  
☒ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP:** Added to the Construction Program.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	1,200	0	1,200	0	0	0	0	0	1,200	0
Construction	12,000	0	0	10,500	1,500	0	0	0	12,000	0
Total	13,200	0	1,200	10,500	1,500	0	0	0	13,200	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0



**STATUS:** The Army Corp of Engineers is evaluating this project.

**PROJECT:** C&D Canal Deepening

**DESCRIPTION:** Detailed planning by the USACE has been deferred. The MPA and Army Corp of Engineers will continually monitor vessel traffic and Canal usage patterns. Existing funding is for ongoing analysis and studies.

**JUSTIFICATION:** Modifications to the C&D Canal are necessary to allow passage of larger vessels requiring deeper drafts. The C&D Canal is the shortest route with fastest transit times to Baltimore for vessels coming from or going north.

**SMART GROWTH STATUS:**

- ☐ Project Not Location Specific or Location Not Determined  
☐ Project Within PFA ☒ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

None.

**SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP:** None.

POTENTIAL FUNDING SOURCE:										
<input checked="" type="checkbox"/> SPECIAL <input type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
PHASE	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	1,930	1,880	50	0	0	0	0	0	50	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	1,930	1,880	50	0	0	0	0	0	50	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

5500, 5501





**STATUS:** Feasibility studies are underway.

**PROJECT:** Dredge Material and Management Program

**DESCRIPTION:** Conduct detailed studies with the US Army Corp of Engineers to identify and assess potential dredged material placement sites consistent with Maryland's Dredge Material Management program emphasizing beneficial uses of dredged material for projects such as island and shoreline reclamation.

**JUSTIFICATION:** Available placement capacity for sediment dredged from navigational channels serving the Port of Baltimore is completely committed. The MPA must identify placement sites and uses for future dredge material. Studies and investigations are necessary to meet the requirements of the Dredge Material Management Act of 2001.

**SMART GROWTH STATUS:**

- ☒ Project Not Location Specific or Location Not Determined  
☐ Project Within PFA ☐ Project Outside PFA; Subject to Exception  
☐ Grandfathered ☐ Exception Approved by BPW/MDOT

**ASSOCIATED IMPROVEMENTS:**

Hart Milller Island Related Projects - Line 1  
Dredge Material Placement and Monitoring - Line 2

**SIGNIFICANT CHANGE FROM FY 2004 - 09 CTP:** Cost increased by \$6.2 million due to the addition of new Inner Harbor Sites Planning and Engineering projects, as well as the fact that the Dredge Material Management Act of 2001 phases out open-water placement of dredge material and establishes a preference for beneficial and innovative uses.

POTENTIAL FUNDING SOURCE:										
TOTAL										
PHASE	ESTIMATED COST (\$000)	EXPEND THRU 2004	CURRENT YEAR 2005	BUDGET YEAR 2006	PROJECTED CASH REQUIREMENTS FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2007.....	.....2008.....	.....2009.....	.....2010.....		
Planning	50,266	16,445	7,703	10,693	7,537	2,600	2,600	2,688	33,821	0
Engineering	13,648	6,919	1,148	985	1,420	1,140	1,000	1,036	6,729	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	2,997	2,997	0	0	0	0	0	0	0	0
Total	66,911	26,361	8,851	11,678	8,957	3,740	3,600	3,724	40,550	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

5216, 5217, 5219, 5220, 5223, 5224, 5226, 5227, 5228,  
5400, 5401, 5402, 5403, 5404, 5405, 5406, 5410, 5411,  
5412, 5413

# SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

## MARYLAND PORT ADMINISTRATION - LINE 12

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<b><u>FY 2005 and Prior</u></b>		
	<b><u>All Terminals</u></b>		
1	Crane Exterior Coating Preservation (1732)	473	Complete
2	Marylynn Electrical (1727)	73	Complete
3	Underwater Structure Inspection (1722)	200	Underway
4	Agency Wide Tenant Alteration - V (1737)	200	Underway
5	Agency Wide Tenant Alterations - IV (1736)	201	Underway
6	All Terminals - Hurricane Isabel Damage (1740)	380	Underway
7	Berth Substructure Repair III (1739)	1,600	Underway
8	Environmental Best Practices (1738)	441	Underway
9	Fresh Water Pits (1763)	388	Underway
10	Agency Wide Tenant Alteration - III (1731)	82	Underway
11	Cargo Handling Equipment - RTG (3003)	480	Underway
12	Microwave Transmission Tower (1764)	100	Underway
13	Paving Contract - FY 03 - 05 (1701)	1,077	Underway
14	Concrete Deck Repair (1786)	677	Spring, 2005
15	Paving Repair IV (1708)	6,000	Spring, 2005
	<b><u>Dundalk Marine Terminal</u></b>		
16	Slope Protection Colgate Creek (1023)	607	Complete
17	Emergency Repair of Berth 7 (1064)	496	Complete
18	POV Gate Improvement - DMT (1075)	60	Complete
19	Reimbursement for Repair of Fumigation Facility Duct (1076)	21	Complete
20	High Mast Lighting - Phase II DMT (1051)	1,373	Underway
21	Emergency Repair of 96 inch Storm Drain (1079)	453	Underway
22	Storm Drain Repair - DMT (1068)	500	Underway
23	Whirley Crane Relocation (1065)	3,750	Underway
24	Demolition - Sheds 3B (1032)	2,750	Underway
25	Dundalk Marine Terminal O&M (1011)	1,467	Underway

# SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

## MARYLAND PORT ADMINISTRATION - LINE 12 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<b><u>FY 2005 and Prior (cont'd)</u></b>		
	<b><u>Dundalk Marine Terminal (cont'd)</u></b>		
26	Gasoline Alley (Bldg 7) Demolition - DMT (1052)	532	Spring, 2005
27	Rail Improvements for RoRo (1081)	700	Spring, 2005
	<b><u>Environmental</u></b>		
28	Chrome Ore Removal (1102)	2,244	Underway
29	Ground Water Treatment (1104)	2,557	Underway
30	Hawkins Point O&M (1707)	448	Underway
	<b><u>Facilities and Equipment</u></b>		
31	Crane Dept Fork Lift (3026)	100	Complete
32	RTG Spreader Trailers (3023)	124	Complete
33	Emergency Repair Diesel Engine - Crane (3031)	47	Underway
34	Fuel Truck (3030)	140	Underway
35	Rehabilitation of Trolley Rails - SMT Cranes (3025)	537	Underway
36	Crane Electrical Rehabilitation - Cranes 7 & 8 (3013)	600	Underway
37	Loading Dock Levelers (3027)	203	Underway
38	Railroad Crane Inspection and Construction (3106)	150	Underway
39	RTG Truck and Snow Plow (3028)	60	Underway
	<b><u>Masonville Auto Terminal</u></b>		
40	Emergency Flooding and Pump Mitigation (1755)	71	Complete
41	KIM Diving Services (1744)	160	Underway
42	Kurt Iron Environmental Phase I - Clean-up (1210)	4,764	Underway
43	Fairfield Sheet Piling Repair (1741)	1,547	Underway
44	Kurt Iron Phase II - Terminal Development (1719)	4,250	Spring, 2005

# SYSTEM PRESERVATION MINOR PROJECTS PROGRAM

## MARYLAND PORT ADMINISTRATION - LINE 12 (cont'd)

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<b><u>FY 2005 and Prior (cont'd)</u></b>		
	<b><u>Masonville Auto Terminal (cont'd)</u></b>		
45	Masonville Road Construction (1750)	700	Spring, 2005
46	Mercedes Improvements at Masonville (1754)	1,290	Spring, 2005
	<b><u>North Locust Point</u></b>		
47	Demolition of Grain Pier and Gallery (1808)	3,001	Underway
	<b><u>Open-Ended Consulting</u></b>		
48	Claims Analysis (1213)	117	Complete
49	Portwide Engineering I (1220)	2,842	Underway
50	Miscellaneous Survey I (1224)	216	Underway
51	Miscellaneous Survey II (1225)	199	Underway
52	Portwide Engineering II (1221)	2,227	Underway
53	Portwide Engineering III (1222)	1,055	Underway
54	Portwide Engineering IV (1223)	1,109	Underway
55	Claims and Schedule Review (1230)	200	Underway
56	Construction Management Inspection (1226)	2,000	Underway
57	Misc Engineering Services - Small Procurement I (1231)	200	Underway
58	Misc. Engineering Services - Small Procurement II (1232)	200	Underway
59	Cruise Terminal Traffic Study (1238)	100	Underway
60	Portwide Engineering & Design A (1233)	3,000	Underway
61	Portwide Engineering & Design B (1234)	2,000	Underway
62	Portwide Engineering & Design C (1235)	1,000	Underway
63	Portwide Engineering & Design D (1236)	1,000	Spring, 2005
64	Portwide Engineering & Design E (1237)	1,000	Spring, 2005



**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND PORT ADMINISTRATION - LINE 12 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<b><u>FY 2005 and Prior (cont'd)</u></b>		
	<b><u>Op-to-Capital</u></b>		
65	CTIPP Equipment (3124)	1,125	Spring, 2005
	<b><u>Port - Wide</u></b>		
66	Cruise Analysis (3118)	121	Complete
67	Open Ended Studies - Planning (3112)	2,004	Underway
	<b><u>Seagirt Marine Terminal</u></b>		
68	Emergency Generator - SMT (1306)	230	Underway
69	Substructure Repair SMT (1318)	3,700	Spring, 2005
	<b><u>South Locust Point</u></b>		
70	Wetlands Restoration - Ft. Mchenry (1613)	223	Complete
71	Ft. McHenry Wetlands Engineering (1612)	167	Underway
	<b><u>World Trade Center</u></b>		
72	Fire/Life Safety Code - Elevator Enhancements (1514)	2,941	Underway
73	Emergency Fire System (1525)	178	Underway
74	WTC - Security Improvement (1512)	1,334	Underway
75	Fire Pumps and Domestic Water Systems (1509)	1,670	Underway
76	WTC - Hurricane Isabel Expenditure (1531)	6,289	Underway
77	Tenant Renovation - Meridian WTC (3107)	3,288	Underway
78	WTC - HVAC (1511)	293	Underway

**SYSTEM PRESERVATION MINOR PROJECTS PROGRAM**

**MARYLAND PORT ADMINISTRATION - LINE 12 (cont'd)**

ITEM NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START
	<b><u>FY 2006</u></b>		
	<b><u>All Terminals</u></b>		
79	Berth Substructure Repair (1730)	1,000	Summer, 2005
	<b><u>Dundalk Marine Terminal</u></b>		
80	Dundalk Marine Terminal O&M (1011)	884	Summer, 2005
88	Sheds 11 and 12 Sprinkler Rehabilitation (1069)	400	Summer, 2005
	<b><u>Environmental</u></b>		
81	Chrome Ore Removal (1102)	3,363	Summer, 2005
82	Ground Water Treatment (1104)	1,000	Summer, 2005
83	Hawkins Point O&M (1707)	300	Summer, 2005
	<b><u>Facilities and Equipment</u></b>		
84	Railroad Crane Inspection and Construction (3106)	165	Summer, 2005
	<b><u>Open-Ended Consulting</u></b>		
85	Portwide Engineering and Design (1211)	120	Summer, 2005
	<b><u>Security Projects</u></b>		
86	Explosive Detection Equipment (1789)	450	Spring, 2006
	<b><u>World Trade Center</u></b>		
87	Miscellaneous Tenant Renovation (1529)	150	Fall, 2005